SYSTEM AND METHOD FOR MANAGING DEVICES

ABSTRACT OF THE DISCLOSURE

A system or method for managing devices (collectively "device management system") is disclosed. The device management system uses a matrix, table or other data structure technique (collectively "data structure") to configure the input parameter(s) for one or more devices. The data structure can be modified in a dynamic or static fashion to accommodate different device configurations and different device interactions. Use of the data structure can eliminate the need for multi-level "nested if" statements that are complex, deep, and difficult to modify without causing an unforeseen error. The data structure can encapsulate the hardware specific characteristics of the various devices so that the application software written for the various devices can be written independent of the hardware-specific characteristics of the devices. Thus, the data structure can act as an interface between hardware-specific characteristics relating to the various devices and various user interactions and other related factors.

R0218382